

Students Admitted Directly from High School in Fall 2010

1. About Early Assurance

The University at Buffalo (UB) offers incoming freshmen who enter UB directly from high school an opportunity to earn a doctor of pharmacy (PharmD) degree through our Early Assurance (EA) Program www.pharmacy.buffalo.edu/admissions_pharmd_ea EA is restricted to students who enter the UB directly from high school and indicate pharmacy as their intended major either on their initial application or before the end of their last official day of their first semester at UB. EA students who enter UB in Fall 2010 will be ready for admission into the professional program in Fall 2012 or Fall 2013 depending on course load and prerequisite completion. EA is not the only route into our professional PharmD program and ineligibility for EA does not imply that a student is not qualified for admission. "Regular" applicants www.pharmacy.buffalo.edu/admissions_pharmd_req.shtml are considered through PharmCAS, a centralized application service.

2. Why Pharmacy?

Are you interested in becoming a prestigious health-care professional? As a licensed pharmacist, you can help people feel better and get well as quickly as possible. Pharmacy is a very popular career choice and is ranked in Top 10 Best Jobs in America by Money Magazine, Forbes, and Salary.com based on growth, pay, stress-levels and other factors. At the University at Buffalo's School of



Pharmacy and Pharmaceutical Sciences (SoPPS), we educate the future leaders in pharmacy. We look to admit students into our four-year professional doctor of pharmacy (PharmD) program who excel in math and science; possess leadership and communication skills; want to be a highly skilled health professional; enjoy working directly with patients and other health care providers; desire a variety of career options; and want a rewarding and flexible career that is in high demand.



In a continually changing health care environment, pharmacists provide patient centered care, integrating safe drug preparation and distribution, collaborative drug therapy management, medication therapy management and medication reconciliation, using the skills they have developed in a variety of environments. Pharmacists make health care more beneficial and cost effective by employing the appropriate medications and medical tools. They must be lifelong learners, developing the skills necessary to provide specialized knowledge, services and care, and embrace the potential for post-doctorial educational opportunities as part of their professional development as well as for their responsibility to the public. Pharmacists work in collaboration with other health care professionals and individuals in a variety of settings, often times taking leadership roles to address society's needs and advance health care knowledge through research on medications and their uses in patient care.¹

¹The above text was adapted from the "White Paper Prepared for the American Association of Colleges of Pharmacy (AACP) Curricular Change Summit, March 2009" Brazeau, G. et al. August 1, 2009

3. Why UB SoPPS?

As the only pharmacy school in the State University of New York (SUNY) system and among the top pharmacy schools in the nation, students find UB SoPPS an excellent value for a high quality education with outstanding rewards. Our programs include quality staff, students, graduates, and faculty including Distinguished Teaching Professors and recipients of the Chancellor's Awards for Excellence. At a small, personalized community within a major public research university, students are able to experience a close-knit community with their peers and faculty with the resources and facilities of a large research university.



We continually advance to respond to the evolving and expanding field of pharmacy as it focuses on patient care and as post-graduate residencies and fellowships become the norm. To meet these demands, UB SoPPS is excited to introduce programmatic updates applicable to you, including a flexible two to three-year pre-pharmacy curriculum in order to provide you with a "clinical edge," giving you the skills to counsel and manage the complex drug and therapeutic services that will be necessary in the ever expanding future of health care. Another exciting update that you will experience is our move to the new building, John Kapoor Hall, which will be located on UB's South Campus in 2012. You will have an immediate advantage of access to a highly sophisticated compounding lab, our state-of-the-art patient simulation center, and much more. In addition, you will have unique opportunities to train side-by-side with other health care professional students using interactive patient simulators within the Behling Simulation Center.

4. Early Assurance Program Grade Requirements

- Earn a **minimum 3.50** GPA in science and math prerequisites by the end of your third semester (fall semester of sophomore year).
- Maintain/improve a **minimum 3.50** GPA in science and math prerequisites by the end of your fourth semester (spring semester of sophomore year).
- Earn a **minimum 3.30** GPA in science and math prerequisites by the end of your sixth semester (spring semester of junior year).
- All science and math prerequisites are included in the Early Assurance GPA, **including** college courses completed outside of UB (see #5 below for courses that you are permitted to take outside of UB). All official college transcripts must be submitted to UB's Office of Undergraduate Admissions (12 Capen Hall).
- Complete **ALL** enrolled courses with a grade equal to or greater than **C**.
- Do not resign from **any enrolled course**. Any "R" grade on your transcript disqualifies you from Early Assurance.
- Repeat grades will not be used in computing the Early Assurance GPA.
- Any grade change must be submitted within 10 business days after the University's first day of official posting of the grades for the semester.
- The grading system at UB is: A = 4.00 A- = 3.67 B+ = 3.33 B = 3.00 B- = 2.67 C+ = 2.33 C = 2.00
- EA students are **not** required to take the PCAT. Students whose GPA is between 3.5 - 3.7 however, are strongly advised to take the PCAT no later than the end of the spring semester prior to fall entry in the first professional year of the PharmD program if unsure of fulfilling the criteria to secure a place in the class.

5. Early Assurance Program Prerequisite Courses

- Complete **ALL** pre-pharmacy prerequisite courses by the end of your sixth semester (spring semester of junior year).

*BIO 200 (Evolutionary Biology 5 credits: lecture and lab) <i>-Recommended in freshman year</i>	*CHE 201 or 251 (Organic Chemistry 5 credits: lecture and lab) <i>-Recommended in sophomore year</i>
*BIO 201 (Cell Biology 4 credits: lecture and lab) <i>-Recommended in freshman year</i>	*CHE 202 or 252 (Organic Chemistry 5 credits: lecture and lab) <i>-Recommended in sophomore year</i>
*CHE 101 or 105 (General Chemistry 5 credits: lecture and lab) <i>-Recommended in freshman year</i>	**STA 119 or PSY 207 (Statistics 4 credits) <i>-Recommended in junior year</i>
*CHE 102 or 106 (General Chemistry 5 credits: lecture and lab) <i>-Recommended in freshman year</i>	***ANA 113 (Anatomy 4 credits) <i>-Recommended in junior year</i>
MTH 141 (Calculus 4 credits) <i>-Recommended in freshman year</i>	*PGY 300 (Physiology 4 credits) <i>-Recommended in junior year</i>
MTH 142 (Calculus 4 credits) <i>-Recommended in freshman year</i>	*BCH 403 (Biochemical Principles 4 credits) <i>-Recommended in junior year</i>
PHY 107 (General Physics 4 credits: lecture; lab optional) <i>-Recommended in sophomore year</i> <i>-If AP Calculus was not completed, one semester of Calculus should be completed prior to PHY 107</i>	*MIC 301 (Microbiology 3 credits: lecture; lab optional) <i>-Recommended in junior year</i>

- All EA students must complete science and math prerequisites and UB General Education Requirements www.undergrad-catalog.buffalo.edu/policies/degree/gened.shtml by the end of the spring semester prior to fall entry in the first professional year of the PharmD program. UB General Education Requirements may be completed outside of UB.
- *All Biology and Chemistry courses must be completed at UB.
- **A maximum of three (3) of the following prerequisite college courses may be completed outside of UB (including AP or IB credit earned or college courses completed at an accredited 4 year college or university **only earned prior to high school graduation**): Calculus I, Calculus II, Calculus-based Physics I, Statistics.
- ***Once you are enrolled at UB -- Anatomy, Physiology, Microbiology, and Biochemical Principles may be completed at another accredited four year college or university. Students must take the equivalent of between 6 - 10 hours of Anatomy and Physiology in any combination.

6. Additional Early Assurance Program Requirements: Interview and Criminal Background Check

- All intended EA students must meet with an advisor at the SoPPS Office of Admissions and Advisement at least once per semester.
 - All admitted PharmD students must be interviewed in accordance with the American Council for Pharmaceutical Education (ACPE) Guidelines.
 - It is critical that all students possess the ability to communicate effectively using both the oral and written English language.
 - The purpose of the interview process is to evaluate verbal communication skills, determine if the candidate has an understanding of the pharmacy profession, and commitment to patient care. Written communication skills will also be assessed in a standardized manner.
 - Interviews will be assigned on a rolling basis and applicants will be invited by e-mail.
 - UB Career Services offers outstanding resources for students considering professional school admissions including interview preparation.
 - All admitted and enrolled PharmD students must submit and complete a yearly Criminal Background Check from a vendor approved by UB SoPPS at the student's expense. For more information about this policy, visit www.pharmacy.buffalo.edu/admissions_pharmd_policies
- STUDENTS WHO DO NOT DEMONSTRATE THESE PROFICIENCIES AND ATTRIBUTES WILL NOT BE ELIGIBLE FOR ADMISSION THROUGH THE EARLY ASSURANCE PROGRAM.**

7. Application Materials and Admission Decision

UNIVERSITY APPLICATION

Indicate pharmacy as your intended major either on your initial SUNY or Common Application or before the last official day of your first semester at UB.

UB's Office of Undergraduate Admissions is not involved with the Early Assurance (EA) Program. Therefore, you will not receive any information regarding this program with their admission decision.

SCHOOL OF PHARMACY AND PHARMACEUTICAL SCIENCES SUPPLEMENTAL APPLICATION

- Complete the SoPPS Supplemental Admission Application Form during your third semester (first semester of sophomore year). NOTE: This is the **only required form** for EA Applicants to complete.
- The completed application must be received or postmarked by **November 1**. Late forms will not be considered.

Important information and deadlines are announced on the Pre-Pharmacy Listserv. Subscribing is highly recommended.
ALL EARLY ASSURANCE REQUIREMENTS ARE SUBJECT TO REVISION AND REVIEW BY THE ADMISSIONS COMMITTEE AND MAY BE REVISED WITHOUT EXTENSIVE NOTICE. 08/09